

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR02/01773

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G02F 1/1333

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G02F, H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR, JP : as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PAJ "semiconductor""amorphous" "passivation""contact hole""organic insulator"

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 5-203988 ( Sharp Co.) 13, August, 1993 see whole documents	1-7
A	JP 1-100518 (Hitachi Ltd.) 18, April, 1989 see whole documents	1-7
Y	US5,706,064 (Kabushiki Kaisha Toshiba) 06, January, 1998 Specification, Drawings	1-7
Y	US 5,548,425 (Sharp Kashihara kaisha) 20, August, 1996 See whole documents	1-7

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  24 FEBRUARY 2003 (24.02.2003)	Date of mailing of the international search report  24 FEBRUARY 2003 (24.02.2003)
Name and mailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140	Authorized officer  CHO, Kyoung Hwa Telephone No. 82-42-481-5767



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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 5-203988	13 - 08 - 1993	None	
JP 1-100518	18 - 04 - 1989	None	
US5,706,064	06 - 01 - 1998	US 5,193,017 US 4,904,060	09 - 03 - 1993 27 - 02 - 1990
US 5,548,425	20 - 08 - 1996	US 4,418,987	06 - 12 - 1983